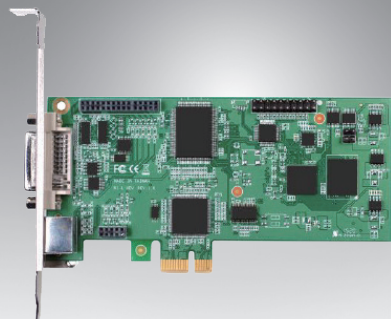# DVP-7013HE

1-ch H.264/MPEG4 Low-Power PCIe Video Capture Card with SDK

NEW

Features

- 1-channel DVI-I/YPbPr/S-Video/Composite video input with H.264 software compression
- 60/50 fps (NTSC/PAL) at up to full HD resolution for recording and display
- PCIe x1 (Gen2) host interface
- Low power consumption
- Supports Watchdog function
- Windows/Linux OS supported

FCC CE RoHS COMPLIANT 2002/95/EC

Introduction

DVP-7013HE is a PCIe-bus, low-power software compression video capture card with 1 channel of either DVI-I/YPbPr/S-Video/Composite video and 2 audio inputs. DVP-7013HE supports H.264 baseline compression format at up to full HD resolution at real-time frame rate (60/50fps). With an easy-to-use software development kit (SDK) and the flexibility to stack multiple cards; DVP-7013HE is an ideal solution for various video capture applications.

Specifications

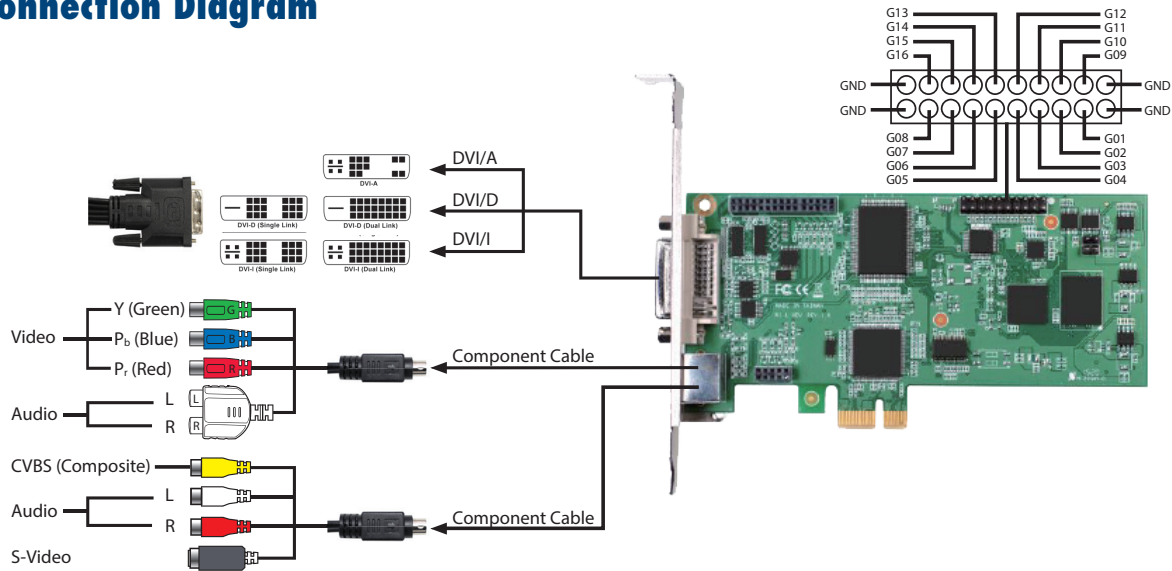|		
Video	Video Standard	Composite for NTSC/PAL
	Video Input	1 x DVI-I/YPbPr/S-Video/Composite
	Video Output	1 x DVI-I/YPbPr/S-Video/Composite Loop Through
	Compression	S/W H.264/MPEG4
	Max. Display Rate	60/50 fps (NTSC/PAL) @ 1920 x 1080p
	Max. Recording Rate	60/50 fps (NTSC/PAL) @ 1920 x 1080p
Audio	Audio Input	2 x RCA (Audio L/R through component cable)
	Format	Stereo/16 bits/32000~48000Hz
System Requirements	CPU (Display)	Intel® Core™ 2 Duo E2200 2.2 GHz
	CPU (Recording)*	Intel® Core™ 2 Quad Q9400 2.6 GHz
	Memory	2 GB
	VGA	1024 x 768, DirectX 9.0c
	Operating System	Windows XP/XPe/Vista/7/8/8.1/10; Linux 2.6.14 or higher; 32/64 bits
Physical Characteristics	Host Interface	PCIe x1 (Gen 2)
	Operating Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
	Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
	Dimensions	135 x 69 mm
	Safety	CE/FCC

*For high quality, full HD video recording at max. recording rate, Intel® Sandy Bridge processor or above and Win7 OS are recommended

Versatile SDK Support (For Windows Only)

Advantech provides software development kit (SDK), a set of development tools that allows a software engineer to integrate video capture modules into different types of systems. Functions include video recording, playback and instant preview.

- Software Library
- SDK Manual
- Sample Program

ADVANTECH | **Intelligent Video Platforms**

All product specifications are subject to change without notice.   Last updated : 4-May-2016

Connection Diagram

G13
G14
G15
G16

GND

GND

G08
G07
G06
G05

G12
G11
G10
G09

GND

GND

G01
G02
G03
G04

DVI/A
DVI-A

DVI/D
DVI-D (Single Link)   DVI-D (Dual Link)

DVI/I
DVI-I (Single Link)   DVI-I (Dual Link)

Video
Y (Green) — G
P_b (Blue) — B
P_r (Red) — R

Audio
L — L
R — R

Component Cable

CVBS (Composite)

Audio
L
R

S-Video

Component Cable

Ordering Information

Part Number	Description
DVP-7013HE	1-ch H.264/MPEG4 Low-Power PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7013HE Capture Card	1 (piece)
YPbPr Cable	2 (piece)
S/AV Cable	2 (piece)
Short bracket (One to One)	2 (piece)